

Application Serial No. 10/693,255  
DRAFT Amendment A  
Page - 2 -

DRAFT AMENDMENTS TO THE CLAIMS

1 to 18 (Cancelled)

19 (Currently Amended). A prosthesis assembly for a blood vessel or hollow body organ comprising,

a trunk including a prosthetic material defining having an interior including a seam joining opposing surfaces of the prosthetic material together to form an internal septum sized and configured to define, within at least a portion of the trunk interior, a multi-lumen flow channel configuration comprising at least a first interior lumen and a truncated second interior lumen that is shorter than the first interior lumen, and

a lumen extension component sized and configured to be fitted within at least one of the first and second interior lumens to define an extended extension of the at least one interior lumen.

20 (Currently Amended). An assembly according to claim 19

wherein the extended first interior lumen includes a portion region that is joined by the septum to the other truncated second interior lumen and another portion region that is not joined by the septum to the other truncated second interior lumen and that extends beyond the truncated second interior lumen.

21 to 23 (Canceled).

24 (Original). An assembly according to claim 19

wherein a region of the trunk is sized and configured to receive a fastening element to secure the trunk to body tissue.

25 (Original). An assembly according to claim 19

wherein the prosthetic material includes a fabric.

26 (Original). An assembly according to claim 19

wherein the lumen extension includes a prosthetic material.

27 (Canceled).

28 (Original). An assembly according to claim 19

wherein at least one of the trunk and the lumen extension includes scaffolding.

29 (Original). An assembly according to claim 28

wherein the scaffolding includes at least one stent structure.

Application Serial No. 10/693,255  
DRAFT Amendment A  
Page - 3 -

30 (Original). An assembly according to claim 28  
wherein the scaffolding includes a self-expanding stent ring.

31 (Original). An assembly according to claim 28  
wherein the scaffolding includes spaced apart stent structures.

32 (Original). An assembly according to claim 31  
wherein the spaced apart stent structures include first and second adjacent stent  
structures that are not mutually attached one to the other.

33 (Original). An assembly according to claim 31  
wherein the spaced apart stent structures include first and second adjacent stent  
structures that are mutually attached one to the other.

34 (Original). An assembly according to claim 19  
wherein the trunk extends along an axis,  
wherein the septum comprises a seam formed along the axis of the trunk.

35 (Original). An assembly according to claim 19  
wherein the seam is formed by weaving.

36 to 37 (Canceled).

38 (Original). A method for deploying a prosthesis comprising the steps of  
introducing a prosthesis assembly as defined in claim 19 into a targeted site  
comprising a blood vessel or hollow body organ,

locating the trunk of the prosthesis assembly in contact with body tissue at the  
targeted site, and

fitting the lumen extension of the prosthesis assembly to the trunk.

39 (Original). A method according to claim 38  
further including the step of fastening the trunk of the prosthesis assembly to body  
tissue at the targeted site.